IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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Rajajinagar, Bengaluru – 560010
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Call: 7259425099, 8951206241
Website: www.sociusengg.com

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Material Tests for Concrete 1:2:4

TEST REPORT ON COARSE AGGREGATE

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	IS 383-1970 (RA-2002), Satisfactory
Test According to:	Relevant IS code
Date of Testing:	16/12/2021, 22/12/2021
Date of Submission:	19/05/2022

Total Wt of Aggregate in Gms: 2300

Asst. Executive Engineer
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IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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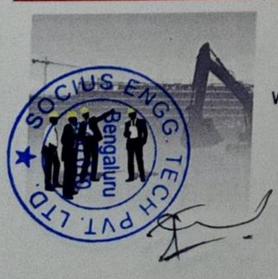
Material Tests for Concrete 1:2:4

TEST REPORT ON COARSE AGGREGATE

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Vivekananda Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	IS 383-1970 (RA-2002), Satisfactory
Test According to:	Relevant IS code
Date of Testing:	25/01/2022
Date of Submission:	19/05/2022

Total Wt of Aggregate in Gms: 2300

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92



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IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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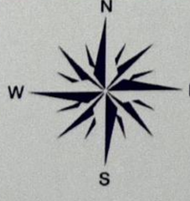
TEST REPORT ON STEEL

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Vivekananda Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	27/01/2022
Submission Date:	19/05/2022

Steel Test Calculation for Drain at Vivekananda Park

		For 8mm		For 10mm		For 12mm	
SL NO	Details	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m	0.378	0.363	0.589	0.567	0.850	0.834

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92



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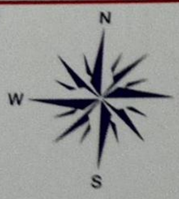
	length(kg/m)						
3	Proof Stress/Yield Stress fy =N/mm²	538	500	545	500	535	500
4	Percentage of Elongation (%)	21.70	16	22.35	16	22.70	16
5	Ultimate Tensile Strength N/mm²	615	565	605	565	618	565
6	Bend/Re-Bend test	ok		ok		ok	

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 9



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TEST REPORT ON STEEL

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Vivekananda Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	09/03/2022
Submission Date:	19/05/2022

Steel Test Calculation for Drain at Vivekananda Park

		For 8mm		For 10mm		For 12mm	
SL NO	Details	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m	0.378	0.363	0.589	0.567	0.850	0.834

Asst. Executive Engineer
Project Division
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BBMP... Rajajinagar, Bengaluru – 560010
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	length(kg/m)						
3	Proof Stress/Yield Stress fy =N/mm²	538	500	545	500	535	500
4	Percentage of Elongation (%)	21.70	16	22.35	16	22.70	16
5	Ultimate Tensile Strength N/mm²	615	565	605	565	618	565
6	Bend/Re-Bend test	ok		ok		ok	

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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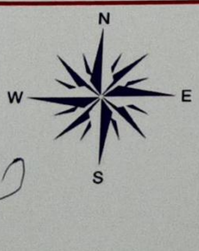
TEST REPORT ON CHAIN LINK FENCING WIRE (8mm Gauge)

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Vivekananda Park Fencing
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	05/04/2022
Date of Submission:	19/05/2022

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92



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Sl.No	Description	Result
1	Diameter	4.15mm
2	Internal Spacing	50mm X 50mm
3	Weight / Meter (1m X1m)	4.9498Kg

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 64

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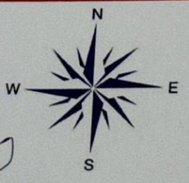
TEST REPORT ON M S RECTANGULAR POLE (STRUCTURAL STEEL)

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Vivekananda Park Fencing
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	ISA-65X65X6mm (1m Length) Satisfactory
Test According to:	Relevant IS code
Date of Testing:	05/04/2022
Date of Submission:	19/05/2022

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92



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Sl.No	Description	Result
1	Thickness	6.20mm
2	Width	65.0mm
3	Weight / Meter	5.90Kg

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

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TEST REPORT ON M.S PIPE(38mm Dia)

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	M.S Pipe 38mm Dia Satisfactory
Test According to:	Relevant IS code
Date of Testing:	05/04/2022
Date of Submission:	19/05/2022

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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PHYSICAL TEST

Sl.No	Description	Result
1	Thickness	2.25mm
2	Inner Diameter	38.10mm
3	Outer Diameter	42.60mm
4	Weight / Meter	1.880Kg

Asst. Executive Engineer
Project Division
Yelahanka
BBMP

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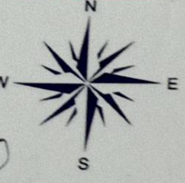
TEST REPORT ON CHAIN LINK FENCING WIRE (8mm Gauge)

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Vivekananda Park Fencing
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	05/04/2022
Date of Submission:	19/05/2022

Asst. Executive Engineer
Project Division
Yelahanka



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Sl.No	Description	Result
1	Diameter	4.15mm
2	Internal Spacing	50mm X 50mm
3	Weight / Meter (1m X1m)	4.9498Kg

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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TEST REPORT ON M S RECTANGULAR POLE (STRUCTURAL STEEL)

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Vivekananda Park Fencing
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	ISA-65X65X6mm (1m Length) Satisfactory
Test According to:	Relevant IS code
Date of Testing:	05/04/2022
Date of Submission:	19/05/2022

Asst. Executive Engineer
Project Division
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BBMP, Bangalore - 92

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Sl.No	Description	Result
1	Thickness	6.20mm
2	Width	65.0mm
3	Weight / Meter	5.90Kg

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

#363, 19th Main Road, 1st Block,
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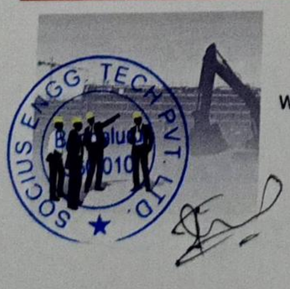
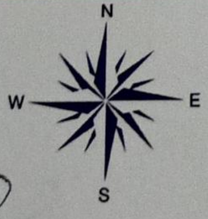
TEST REPORT ON M.S PIPE(38mm Dia)

Name of work:	**Package No-10 1. Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division**
Location:	**Duo marvels Layout And Nisarga Park**
Client:	**Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore**
Name of the Agency:	**Sri. N. Jagadish**
Reference:	**EE(Project)/Ynk Zone/WO/179/2020-21**
Condition of Samples:	**M.S Pipe 38mm Dia Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**05/04/2022**
Date of Submission:	**19/05/2022**

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore





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